

Applicants: MacLellan, et al
U.S.S.N.: Not yet assigned
Title: *Method of and System for Validating an Error Correction Code and Parity Information Associated with a Data Word*
Filing Date: September 3, 2003 / Docket No.: EMC-03-066
Attorney: Scott A. Ouellette, Esq. (Reg. No. 38,573)

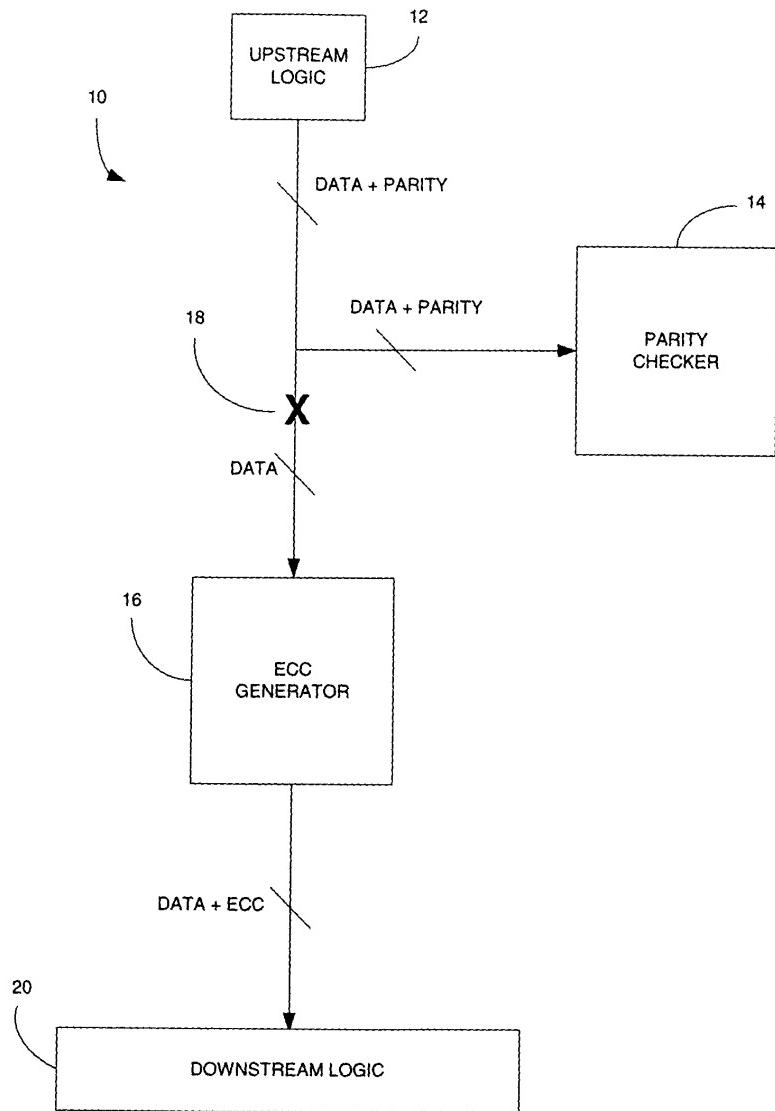


FIG. 1
PRIOR ART

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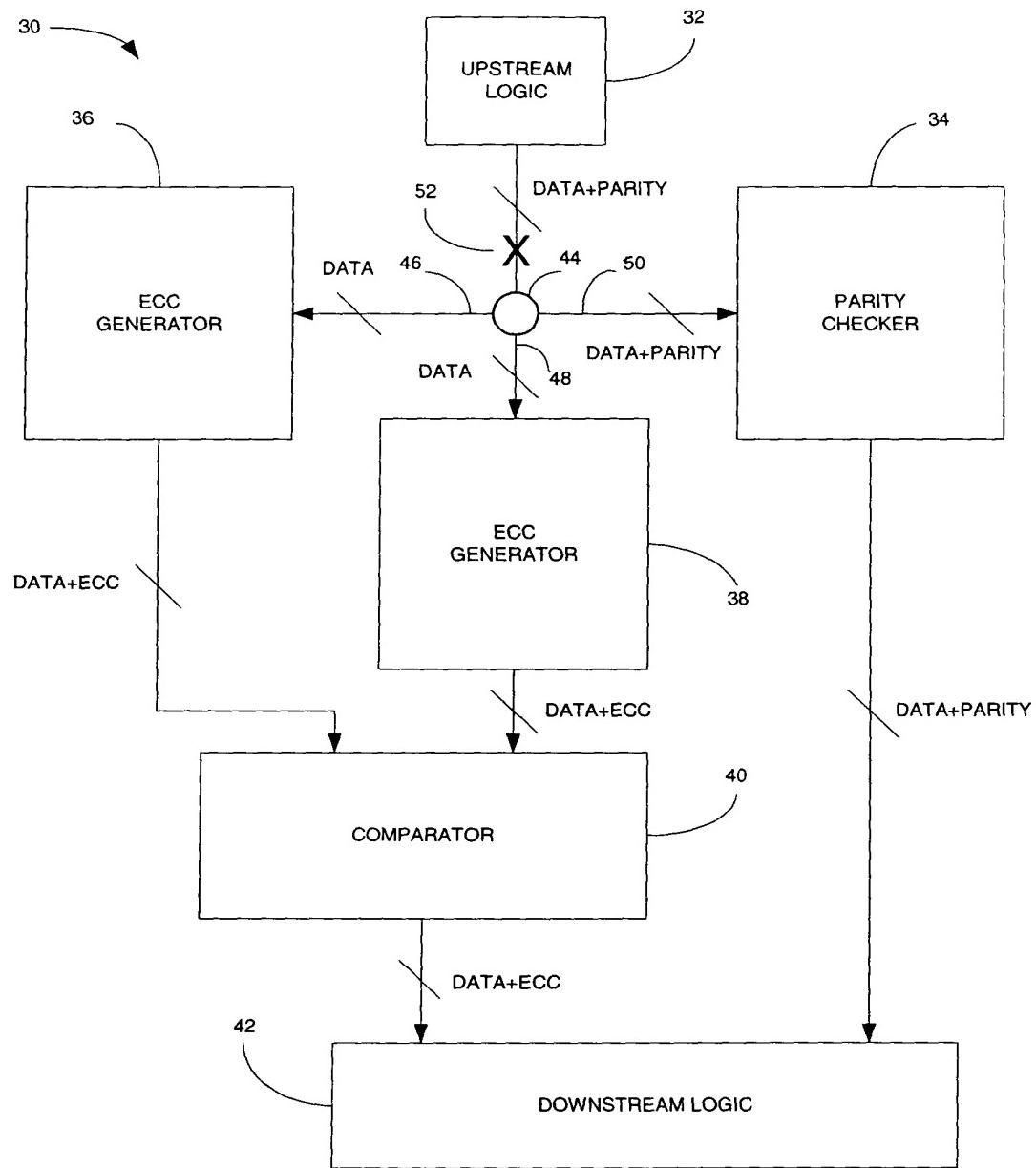


FIG. 2
PRIOR ART

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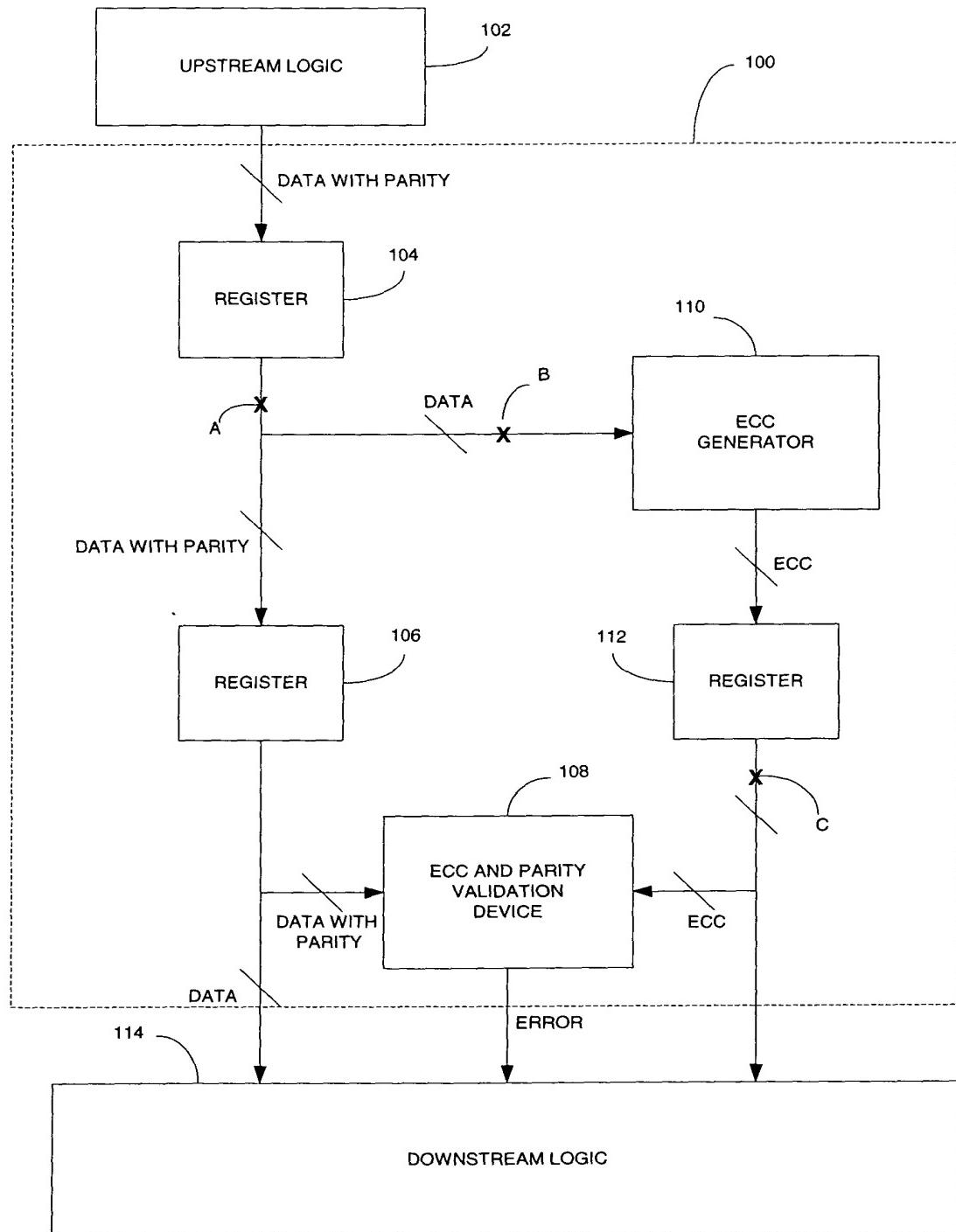


FIG. 3

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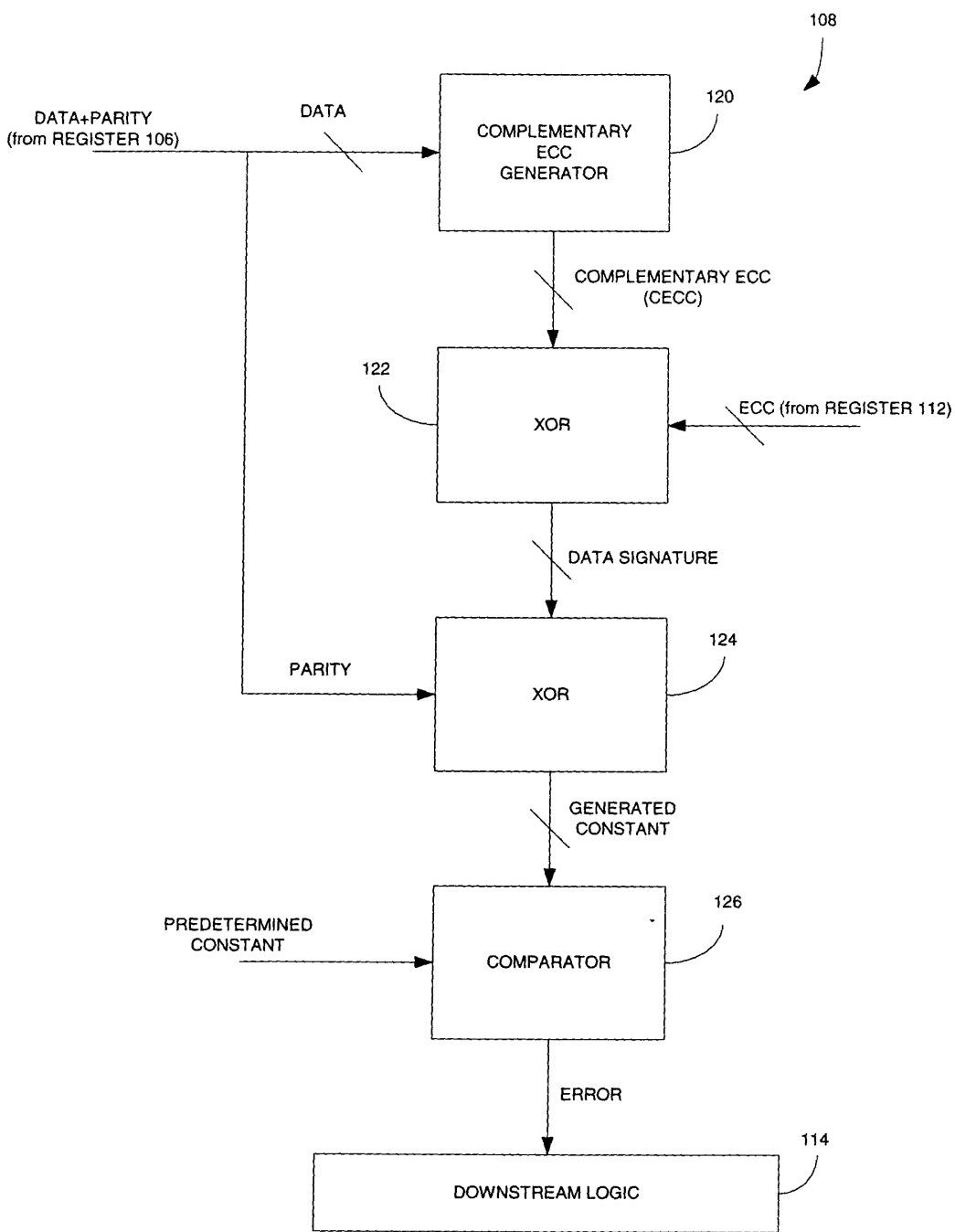


FIG. 4

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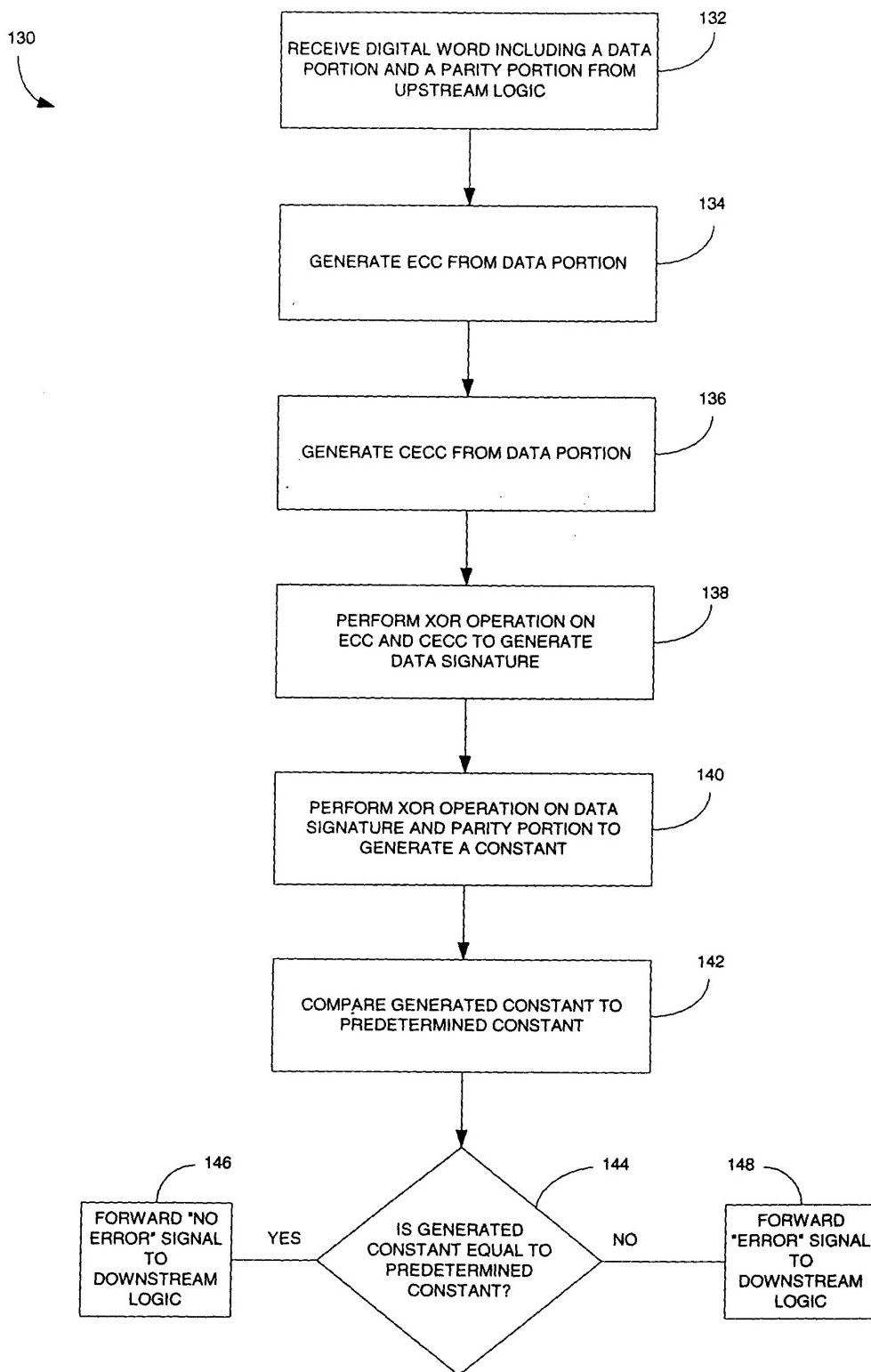
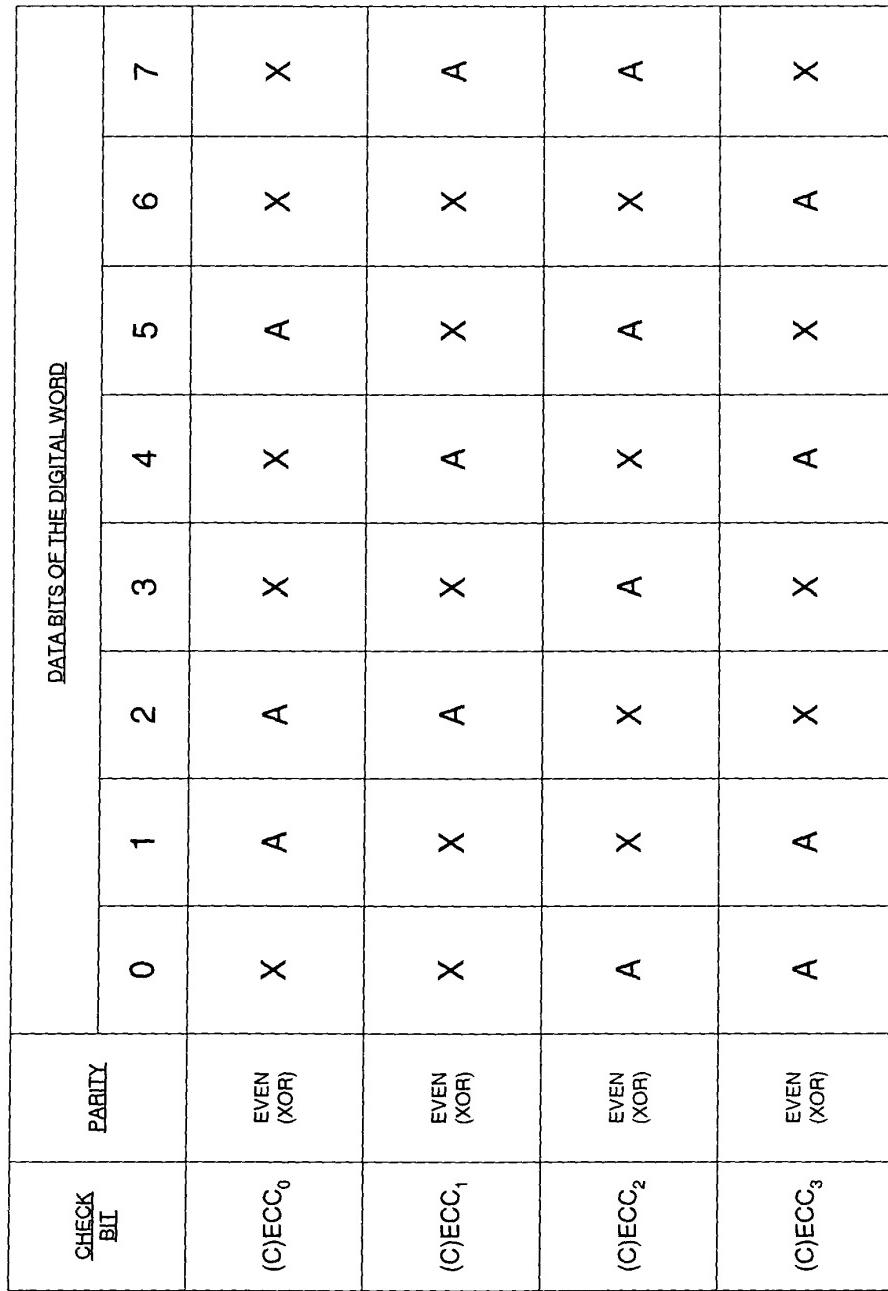


FIG. 5

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CHECK BIT	PARITY	0	1	2	3	4	5	6	7
(C)ECC ₀	EVEN (XOR)	X	A	A	X	X	A	X	X
(C)ECC ₁	EVEN (XOR)	X	X	A	X	A	X	X	A
(C)ECC ₂	EVEN (XOR)	A	X	X	A	X	A	X	A
(C)ECC ₃	EVEN (XOR)	A	A	X	X	A	X	A	X

FIG. 6